



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/673,378  
Applicant : KENDALL, DON L.  
Filed : SEPTEMBER 30, 2003  
Title : QUANTUM RIDGES AND TIPS

Art Unit : 2811  
Examiner : TO BE ASSIGNED

Atty Docket No. : STAR-0006-1

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The below-identified communication(s) is (are) submitted in the above-captioned application or proceeding:

- ☒ Supplemental Information Disclosure Statement
- ☒ Form PTO 1449
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 10-0233-STAR-0006-1.**

Respectfully submitted,

Ajay A. Jagtiani  
Registration Number 35,205

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December 29, 2003



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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.51(b), 1.56, 1.97 and 1.98, this Supplemental Information Disclosure Statement is submitted in the above-identified patent application, which is a divisional application of U.S. Patent Application No. 09/187,730, filed on November 9, 1998, which claims the priority of U. S. Provisional Patent Application No. 60/065,082, filed November 10, 1997. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith, except that a copy of any U.S. patent application identified herein or any patent, publication or other information listed herein cited or submitted in a prior application relied upon for an earlier filing date under 35 U.S.C. § 120 and identified below, is not submitted herewith.

This Supplemental Information Disclosure Statement is submitted within three months of (i) the filing date of the above-identified U.S. National Patent application, or (ii) before the first office action on the merits, or (iii) the date of entry into the U.S. National Stage of the above-identified International Application, or (iv) the date of entry into the U.S. National Stage of the International Application that has been assigned the above-identified U.S. Patent application number, whichever applies.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 10-0233-STAR-0006-1.**

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Ajay A. Jagtiani', with a stylized flourish at the end.

Ajay A. Jagtiani  
Registration Number 35,205

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Form PTO 1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER <b>STAR-0006-1</b>	SERIAL NUMBER <b>10/673,378</b>
	APPLICANT <b>KENDALL, Don L.</b>	
	FILING DATE <b>September 30, 2003</b>	GROUP

## U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,868,952	Feb. 9, 1999	Hatakeyama <i>et al.</i>	216	66	
	5,539,214	Jul. 23, 1996	Lynch <i>et al.</i>	257	15	
	5,518,955	May 21, 1996	Goto <i>et al.</i>	437	133	
	5,499,206	Mar. 12, 1996	Muto	365	114	
	4,983,540	Jan. 8, 1991	Yamaguchi <i>et al.</i>	437	110	

## Foreign Patent Documents

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	9-63952	3/7/1997	Japan	H01L	21/20		

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

	Technical Disclosure Bulletin, "Technique for Producing X Ray Diffraction Gratings," April 1978, Vol. 20 Issue No. 11A, pp. 4641-4642.
	Baski, <i>et al.</i> "A Stable High-Index Surface of Silicon: Si(5 5 12)," Science, Vol. 269, Issue 5230, September 15, 1995, pp. 1556-1560.
	Erwin, <i>et al.</i> "Structure and Stability of Si (114) - (2 x 1)," Physical Review Letters, Vol. 77, No. 4, July 22, 1996, pp. 687-690.
	Jones, <i>et al.</i> "Noble Metal Growth on Si (5 5 12)," Submitted to World Scientific on Feb. 24, 2000.
	Baski, <i>et al.</i> "STM Studies of 1-D Noble Metal Growth on Silicon," Submitted to Ultramicroscopy (Heidelberg 2000) on July 3, 2000.
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant	

